



ELSEVIER

CARBOHYDRATE
RESEARCH

Carbohydrate Research 266 (1995) C7-C8

AUTHOR INDEX

- Adam, M.J. 273
André, C. 15
Angyal, S.J. 143
Augé, J. 211
- Bach, R. 15
Baker, D.C. 301
Barnes, C.L. 5
BeMiller, J.N. 81
- Chapelle, S. 161
Conrad, H. 115
- Dabrowski, J. 221
Dabrowski, U. 221
Dell, A. 95
Deryabin, V.V. 103
Drouillat, B. 211
- Edebrink, P. 237
- Feather, M.S. 5
Fuhrhop, J.-H. 15
- Gamian, A. 221
Gawronski, M. 115
Gizaw, Y. 81
Glinsky, G.V. 5
Gorin, P.A.J. 309
Gouéth, P. 171
Gray, J.S.S. 147, 153
- Hansen, S.H. 37
Harata, K. 75
Heinze, T. 315
Helin, J. 191
Holme, T. 237
Hull, S.R. 147
- Iacomini, M. 309
Ikeshita, S. C1
- Jain, R.K. 279
Jansson, P.-E. 237
Jindrich, J. 75
Johnson, S.C. 301
Joseph, B. 321
- Katzenellenbogen, E. 221
Keane, A. 191
Kim, D. 293
Klaffke, W. 285
Klemm, D. 315
Knirel, Y.A. 103
Koerner, T.A.W. 147, 153
Kopp, F. 115
Koschel, A. 115
Kuzuhara, H. 263
- Lahaye, M. 53
Lamba, D. 65
Larnkaer, A. 37
Likhosherstov, L.M. 103
Lindberg, B. 75
Lubineau, A. 211
Luger, P. 15
- Maaheimo, H. 191
Mackenzie, G. 171
Mackie, W. 65
Matsui, K. 263
Matta, K.L. 279
McCarter, J.D. 273
Metro, F. 53
Monschau, N. 115
Montgomery, R. 147, 153
Mossine, V.V. 5
- Nakahara, Y. C1
Noble, J.M. 229
- Ochs, S. 87
Odier, L. 143
Ogawa, T. C1

- Østergaard, P.B. 37
Park, S.-M. 129
Parolis, H. 95
Pitha, J. 75
Quemener, B. 53
Rahman, M. 237
Rahman, M.M. 237
Ramiz, A. 171
Reason, A.J. 95
Renkonen, O. 191
Robyt, J.F. 293
Rollin, P. 321
Romanowska, E. 221
Ronco, G. 171
Röttig, K. 315
Saenger, W. 1
Sahm, H. 115
Sakairi, N. 263
Seffers, P. 75
Seiple, T.F. 301
Senchenkova, S.N. 103
Seppo, A. 191
Severin, T. 87
Shashkov, A.S. 103
Shibaev, V.N. 103
Smalec, B. 269
Springer, T. 115
Stahmann, K.-P. 115
Stanley, S.M.R. 95
Starukhina, L.A. 103
Steiner, T. 1
Tagliaferri, F. 301
Tate, M.E. 143
Teixeira, A.Z.A. 309
Trevitt, C. 229
Verchère, J.-F. 161
Vig, R. 279
Villa, P. 171
Vogt, S. 315
Von Itzstein, M. 269
Widmalm, G. 237
Williamson, M.P. 229
Withers, S.G. 273
Yates, E.A. 65
Yu, L. 293
Zhang, H. 129



SUBJECT INDEX

- 3-Acetamido- and 3-azido-3-deoxy- α -D-mannose, synthesis of GDP-, 285
- Acetolytic fission of a single glycosidic bond of fully benzoylated α -, β - and γ -cyclodextrins. A novel approach to the preparation of maltooligosaccharide derivatives regioselectivity modified at their nonreducing ends, 263
- Activation of carboxymethylcellulose with the swelling system *N,N*-dimethylacetamide-*O-p-toluenesulfonic acid*, a preliminary to sulfation, 315
- N*-Acylglycosylamines, a straightforward preparation of as carbohydrate based detergents; improved synthesis of glycosylamines, 211
- Agarose, 53
- Amadori compound, *N*-(1-deoxy- β -D-fructos-1-yl)-glycine, the crystal structure of an, 5
- 2-Amino-2-deoxy-D-glucopyranose 3-*O*-sulfate, 65
- 2-Amino-2-deoxy-D-glucopyranose 6-*O*-sulfate, 65
- Amphiphiles: the crystal structures of *N*-(1-octyl)-D-arabinonamide and *N*-(1-dodecyl)-D-ribonamide and the supramolecular assembly-forming properties of *N*-(1-octyl)-D-pentonamide, on the conformational and packing behavior of acyclic-sugar, 15
- O-Antigen oligosaccharides from two strains of *Moraxella catarrhalis* serotype C, structural studies, 237
- Arthrobacter* sp., structure of a new acidic exopolysaccharide (simusan) from, 103
- Binding, 229
- Bis(glycosyl) ethers as bolaamphiphile surfactants, synthesis of novel, 171
- Bis-*O*-(tetraisopropylsiloxane-1,3-diyl)-chiroinositol, a useful intermediate for the preparation of several novel cyclitols, 1L-2,3:4,5-, 301
- Bradyrhizobium japonicum* strain USDA61, synthetic studies on lipooligosaccharide Nod Bj-IV ($C_{18:1}$, Fuc, Gro) produced by, C1
- Capsular polysaccharide of *Escherichia coli* K57, a partial reductive-cleavage study of the, 95
- Carboxymethylcellulose sulfate of high degree of sulfation, preparation, 315
- Carrageenans, 53
- Cellulose and its model compounds by Mn(III), kinetic studies on the oxidation of, 129
- Cinerean, a β -(1 \rightarrow 3)(1 \rightarrow 6)-D-glucan produced by *Botrytis cinerea*, structural properties of native and sonicated, 115
- Conformational and packing behavior of acyclic-sugar amphiphiles: the crystal structures of *N*-(1-octyl)-D-arabinonamide and *N*-(1-dodecyl)-D-ribonamide and the supramolecular assembly-forming properties of *N*-(1-octyl)-D-pentonamide, on the, 15
- Core oligosaccharide, 221
- Crystal structures of cyclodextrins and oligosaccharides, reliability of assigning O-H \cdots O hydrogen bonds to short intermolecular O \cdots O separations, 1
- Crystal structures of *N*-(1-octyl)-D-arabinonamide and *N*-(1-dodecyl)-D-ribonamide and the supramolecular assembly-forming properties of *N*-(1-octyl)-D-pentonamide, on the conformational and packing behavior of acyclic-sugar amphiphiles: the, 15
- Cyclodextrin and oligosaccharide crystal structures, reliability of assigning O-H \cdots O hydrogen bonds to short intermolecular O \cdots O separations, 1
- β -Cyclodextrin, regioselectivity of alkylation and synthesis of its mono-2-*O*-methyl, -ethyl, -allyl, and -propyl derivatives, 75
- Cyclodextrins, fully benzoylated α -, β -, and γ -, acetolysis and conversion of the products

- into regioselectively modified maltooligosaccharide derivatives, 263
- Cyclomaltoheptaose (see β -cyclodextrin), 75
- N*-(1-Deoxy- β -D-fructos-1-yl)-glycine, the crystal structure of an Amadori compound, 5
- 2-Deoxy-2-fluoro-2-iodo-D-glucose, synthesis, radiolabelling, and kinetic evaluation of, 273
- 2-Deoxy-2-fluoro-2-iodo-D-hexoses for medical imaging, synthesis, radiolabelling, and kinetic evaluation, 273
- 2-Deoxy-2-fluoro-2-iodo-D-mannose, synthesis, radiolabelling, and kinetic evaluation of, 273
- 2'-Deoxyguanosine, reaction of, with glucose, 87
- Dextran, 229
- Dextran activation of dextranase, mechanism of, 293
- Dextranase, mechanism of dextran activation of, 293
- E. coli* K57, a partial reductive-cleavage study of the capsular polysaccharide, 95
- Erwinia chrysanthemi*, extracellular polysaccharide of, 153
- Extracellular polysaccharide of *Erwinia chrysanthemi*, 153
- D-Fructose-glycine, the crystal structure of an Amadori compound, 5
- L-Fructose, application of a phase transfer reaction to synthesis of, 81
- GDP-3-acetamido-3-deoxy- α -D-mannose and GDP-3-azido-3-deoxy- α -D-mannose, synthesis, 285
- Glucose, reaction of 2'-deoxyguanosine with, 87
- Glycosylamines, improved synthesis and a straightforward preparation of *N*-acylglycosylamines as carbohydrate-based detergents, 211
- Glycosyltransferase, 191
- Hafnia alvei*, 221
- Heparin, 37, 65
- Heparinase of *Flavobacterium heparinum*, 37
- 1 H NMR, 37, 191
- HPAEC, 191
- HPLC, 53
- O-H ··· O Hydrogen bonds, reliability of assignment to short intermolecular O ··· O separations in cyclodextrin and oligosaccharide crystal structures, 1
- In vitro synthesis, 191
- Industrial-fermentation byproduct, trehalose as a common, 147
- cis-Inositol, a simple synthesis of, 143
- Kdo, 221
- Kinetic studies of the oxidation of cellulose and its model compounds by Mn(III), 129
- Lipoooligosaccharides from two strains of *Moraxella catarrhalis* serotype C, structural studies of the oligosaccharide parts, 237
- Lipoooligosaccharide Nod Bj-IV (C_{18:1},Fuc,Gro) produced by *Bradyrhizobium japonicum* strain USDA61, synthetic studies on, C1
- Lipopolysaccharides, 221
- MALDI-MS, 191
- Maltooligosaccharide derivatives, regioselectively modified preparation via acetolysis of fully benzoylated α -, β -, and γ -cyclodextrins, 263
- Mannose-containing polysaccharides, of lichen mycobionts, chemotypes of, a possible aid in classification and identification, 309
- Mechanism of dextran activation of dextranase, 293
- Medical imaging, syntheses, radiolabelling, and kinetic evaluation of 2-deoxy-2-fluoro-2-iodo-D-hexoses for, 273
- Methanolysis, 53
- Methyl *O*-(β -D-galactopyranosyl)-(1 → 3)-*O*-[D-L-fucopyranosyl-(1 → 4)]-2-acetamido-2-deoxy-6-*O*-sulfo- β -D-glucopuranoside sodium salt, synthesis of, as a potential ligand for selection molecules, 279
- Moraxella (Branhamella) catarrhalis*, structural studies of the oligosaccharide parts of serotype C lipopolysaccharides, 237
- MS, 53
- NMR, 53, 221, 229
- Nod Bj-IV (C_{18:1},Fuc,Gro) produced by *Bradyrhizobium japonicum* strain USDA61, synthetic studies on lipoooligosaccharide, C1
- Novel cyclitols, 1L-2,3 : 4,5-bis-*O*-(tetraisopropylidisiloxane-1,3-diyl)-chiro-inositol, a useful intermediate for the preparation of several, 301
- O-Protected thiohydroxymate-linked pseudodisaccharides, synthesis of, 321
- Oxidation of cellulose and its model compounds by Mn(III), kinetic studies on the, 129
- Phase transfer reaction, application of a, to the synthesis of L-fructose, 81
- Poly *N*-acetyllactosaminoglycan, 191
- Polyphenol, 229

- Polysaccharide from *Arthobacter* sp., structure of simusan a new acidic, 103
Polysaccharide of *Erwinia chrysanthemi*, extracellular, 153
Polysaccharide produced by *Botrytis cinerea*, structural properties of native and sonicated cinerean, 115
Polysaccharides, mannose-containing, classification and identification, 309
Porcine intestinal heparin, 37
Pseudodisaccharides, synthesis of O-protected thiohydroxymate-linked, 321

Reductive-cleavage study of the capsular polysaccharide of *Escherichia coli* K57, a partial, 95

S-Sialylnucleoside analogue, an improved synthesis of an important, 269
Selectin molecules, synthesis of methyl O -(β -D-galactopyranosyl)-(1 \rightarrow 3)- O -[D-L-fucopyranosyl-(1 \rightarrow 4)]-2-acetamido-2-deoxy-6-O-sulfo- β -D-glucopyranoside sodium salt as a potential ligand for, 279

Simusan, a new acidic exopolysaccharide from *Arthrobacter* sp. structure of, 103
Structural properties of native and sonicated cinerean, a β -(1 \rightarrow 3)(1 \rightarrow 6)-D-glucan produced by *Botrytis cinerea*, 115
Sulfation of carboxymethylcellulose to achieve a high degree of substitution, 315
Surfactants, synthesis of novel bis(glycosyl) ethers as bolaamphiphile surfactants, synthesis of novel, 171
Synthesis of an important *S*-sialylnucleoside analogue, an improved, 269
Synthesis of novel bis(glycosyl) ethers as bolaamphiphile surfactants, 171
Synthesis of GDP-3-acetamido- and GDP-3-azido-3-deoxy- α -D-mannose, 285

Tannin, 229
Trehalose as a common industrial-fermentation byproduct, 147
Tungstate and molybdate complexes of volemitol, a 13 C and 183 NMR study, 161

X-ray crystallography, 65